

# EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L18	2310	probe with tip and afm	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L19	1510	probe with tip same afm	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L20	340	probe with tip same afm same (stor\$4 record\$4)	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L21	661	tip with contact\$4 same (storage record\$4) same probe	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L22	8	("20040113641"   "5345815"   "5835477"   "5856967"   "6233206"   "6370107"   "6473361"   "6762402").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2007/03/28 13:24
L23	47	"5835477"	US-PGPU B; USPAT; USOCR	OR	ON	2007/03/28 13:24
L24	542	probe with afm same (stor\$4 record\$4)	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L25	296	probe with afm same (record\$4)	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24

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L26	258	tip with afm same (record\$4)	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L27	123	L26 not L25	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L28	15	tip with dent same record\$4	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L29	75	tip with pit same record\$4	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L30	3100	tip with conductive with insulat\$4	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L31	122	tip with conductive with insulat\$4 same (storage record\$4)	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L32	5053	tip with contact\$4 same (storage record\$4)	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L33	1035	tip with contact\$4 same (storage record\$4) and probe	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24

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L34	414	tip with contact\$4 same medium same probe	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L35	8	("5838005"   "5936237"   "5936243"   "5965218"   "5969238"   "6034348"   "6703614"   "6894272").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2007/03/28 13:24
L36	222	insulat\$3 near2 tip same conduc\$4 same probe	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L37	26	"5132934"	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L38	6	("4213192"   "4340853"   "4343993"   "4575822"   "4829507"   "4831614").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2007/03/28 13:24
L39	1	1991-036913.NRAN.	DERWENT	OR	ON	2007/03/28 13:24
L40	102	tip same probe same bit same information	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L41	5	("4916688"   "5307311"   "5389475"   "5777977"   "5835477").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2007/03/28 13:24
L42	27	("5835477").URPN.	USPAT	OR	ON	2007/03/28 13:24
L43	5	("6218086").URPN.	USPAT	OR	ON	2007/03/28 13:24
L44	10	("6084849").URPN.	USPAT	OR	ON	2007/03/28 13:24
L45	5	("4731155"   "5252835"   "5461600"   "5537372"   "6084849").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2007/03/28 13:24

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L46	252	tip same probe	IBM_TDB	OR	ON	2007/03/28 13:24
L47	5	("6218086").URPN.	USPAT	OR	ON	2007/03/28 13:24
L48	29879	(tip probe) same base same contact\$4	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L49	11479	(tip probe) with base with contact\$4	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L50	1531	(tip probe) with base with contact\$4 with electric\$4	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L51	146	(tip probe) with base with contact\$4 with electric\$4 and storage	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L52	125	(tip probe) with base with contact\$4 with electric\$4 and record\$4	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L53	2	"US 20050201258"	US-PGPU B; USPAT; USOCR; DERWENT	OR	ON	2007/03/28 13:24
L54	34	champion with corbin	US-PGPU B; USPAT; USOCR; DERWENT	OR	ON	2007/03/28 13:24
L55	39	champion with corbin	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24

# EAST Search History

L56	12	("5345815" "5835477" "5856967" "6233206" "6370107" "6473361").PN.	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L57	354	afm same tip same base	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L58	37	engag\$4 with tip with pit	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L59	26	("4906840" "5045936"  "5116462" "5274230" "5324935"  "5354985" "5410151" "5489774"  "5540958" "5548113" "5650614"  "5675145" "5770856" "5838000"  "5861550" "5861624" "5923033"  "5952657" "5965218" "5982009"  "5994691" "6013925" "6057546"  "6239426" "6267005" "6278113").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2007/03/28 13:24
L60	1	2005-663600.NRAN.	DERWENT	OR	ON	2007/03/28 13:24
L61	2462	tip same contact same non-contact	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L62	729	tip same contact same non-contact and storage	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24

# EAST Search History

L63	51	tip same insulat\$4 with contact\$4 same layer with record\$3	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L64	1014	tip same contact same non-contact and (record\$4 writ\$4)	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:37
L65	7	tip same spac\$3 with isolat\$3 and afm	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L66	1225	tip same isolat\$4 with contact\$4	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L67	5	("4724318"   "5224376"   "5331491"   "5331589"   "5491411").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2007/03/28 13:24
L68	226	tip same isolat\$4 with contact\$4 and record\$4	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L69	6	("6211673").URPN.	USPAT	OR	ON	2007/03/28 13:24
L70	1519	tip same insulat\$4 with contact\$4 same layer	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L71	136	tip same hole with contact\$4 same storage	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24

# EAST Search History

L72	982	tip same heat\$3 same contact\$4 same (record\$3 stor\$3 writ\$3)	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L73	0	millepede with record\$3	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L74	19	millepede	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L75	780	tip same spac\$3 with contact\$3 same heat\$3	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L76	700	tip same spac\$3 with isolat\$3	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L77	316	tip same isolat\$3 and afm	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L78	1	("6504152").URPN.	USPAT	OR	ON	2007/03/28 13:24
L79	16	("20020125427"   "4835465"   "5116462"   "5272913"   "5294465"   "5347226"   "5357109"   "5357787"   "5360978."   "5382795"   "5399232"   "5475318"   "6011261"   "6059982"   "6091124"   "6249747").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2007/03/28 13:24

# EAST Search History

L80	123	KURODA with AKIRA and probe	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L81	200	KISHI with ETSURO	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L82	75	needle same probe same bit	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L83	168	Oguchi with Takahiro and probe	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L84	50	KISHI with ETSURO and probe	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L85	50	KISHI with ETSURO and probe	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L86	14	("6079255").URPN.	USPAT	OR	ON	2007/03/28 13:24
L87	472	KURODA with AKIRA	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L88	2	("5015850"   "5187367").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2007/03/28 13:24
L89	4	("5276672"   "5461907"   "5475318"   "5540958").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2007/03/28 13:24



# EAST Search History

L90	11	("5268571"   "5576483"   "5666190"   "5856617"   "5856672"   "5856967"   "5883705"   "6000280"   "6079255"   "6650135"   "6851301").PN.	US-PGPU B; USPAT; USOCR	OR	ON	2007/03/28 13:24
L91	407	tip same probe same array and afm	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L92	790	tip same probe same array and storage	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L93	159	tip same probe same array same record\$3	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L94	907	tip same probe same array and record\$3	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L95	272	tip same latch\$\$ same probe	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:24
L96	10	Champion with Corbin and Brandenberger with Sarah	US-PGPU B; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/28 13:38